

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/11821

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01L9/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 382 409 A (BAXTER JAMES A) 17 January 1995 (1995-01-17) column 1, line 1 - column 3, line 35; claims; figures 1-3	1-6
Y	US 3 916 157 A (ROULETTE ROBERT E ET AL) 28 October 1975 (1975-10-28) column 2, line 49 - column 3, line 35	1-6
A	US 5 894 733 A (BRODNER JOHN R) 20 April 1999 (1999-04-20) abstract; figures	1-6
A	US 5 750 075 A (SPIKE FREDERICK W) 12 May 1998 (1998-05-12) the whole document	1-6
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *&* document member of the same patent family

Date of the actual completion of the International search

23 June 2004

Date of mailing of the International search report

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 094 641 A (FRISWELL DAVID R) 13 June 1978 (1978-06-13) the whole document -----	1-6

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11821

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5382409	A	17-01-1995	US DE DE DE EP	5536476 A 69107298 D1 69107298 T2 508015 T1 0508015 A2		16-07-1996 23-03-1995 08-06-1995 25-11-1993 14-10-1992
US 3916157	A	28-10-1975		NONE		
US 5894733	A	20-04-1999		NONE		
US 5750075	A	12-05-1998		NONE		
US 4094641	A	13-06-1978	CA DE FR GB JP JP	1117907 A1 2807262 A1 2382003 A1 1581713 A 1064339 C 54036791 A 56005585 B		09-02-1982 31-08-1978 22-09-1978 17-12-1980 22-09-1981 17-03-1979 05-02-1981